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JUL 16 2002
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#15
nb
07/16/02

In re Application of:

John CARLSON *et al.*

Application No.: 09/491,577

Filed: January 25, 2000

For: *DROSOPHILIA* ODORANT RECEPTORS (Amended)

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)
)
)
) Group Art Unit: 1646

)
) Examiner: Joseph Murphy

Commissioner of Patents
Washington, D.C. 20231

Sir:

**NOTICE OF APPEAL TO THE
BOARD OF PATENT APPEALS AND INTERFERENCES**

Applicants hereby appeal to the Board of Patent Appeals and Interferences from the decision of the Examiner dated March 12, 2002, rejecting claims 27-36 and 43-45.

A Petition for a one (1) month extension of time responding to the final rejection is being filed concurrently herewith.

The Commissioner is hereby authorized to charge Deposit Account No. 50-0310 in the amount of \$160.00 for a Notice of Appeal. The Commissioner is hereby authorized to charge any additional extension of time fee or additional fee for claims due to Deposit Account No. 50-0310.

Except for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §1.16 and §1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account 50-

07/12/2002 CHNGUYEN 00000129 500310 09491577

02 FC:219 160.00 CH

0310. This paragraph is intended to be a **CONSTRUCTIVE PETITION FOR EXTENSION OF TIME** in accordance with 37 C.F.R. §1.136(a)(3).

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS

Dated: July 11, 2002

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Washington, D.C. 20004
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Erich E. Veitenheimer

Reg. No. 40,420

Sequence Comparison A

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RESULT 3
AC004121
LOCUS AC004121 18443 bp DNA INV 04-FEB-1998
DEFINITION Drosophila melanogaster (P1 DS05342 (D92)) DNA sequence, complete
sequence.
ACCESSION AC004121 AC001997 AC002955 AC001996 AC002954 AC001998 AC003647
VERSION AC004121.1 GI:2829850
KEYWORDS HTG.
SOURCE Drosophila melanogaster (Subclones in pOT2 from P1 clone DS05342
(D92)) DNA.
ORGANISM Drosophila melanogaster
Eukaryota; Metazoa; Arthropoda; Tracheata; Hexapoda; Insecta;
Pterygota; Neoptera; Endopterygota; Diptera; Brachycera;
Muscomorpha; Ephydroidea; Drosophilidae; Drosophila.
REFERENCE 1 (bases 1 to 18443)
AUTHORS Celniker,S.E., Aghavani,A., Arcaina,T.T., Baxter,E., Doyle,C.M.,
Farfan,D.E., Flanagan,J., Houston,K.A., Hummasti,S.R., Karra,K.,
Kearney,L., Kim,S.H., Ko,C.L., Li,M., Lomotan,M.A., Mazda,P.,
Mok,M.S., Nixon,K., Pacleb,J.M., Park,S., Pfeiffer,B., Punch,D.,
Santos,R.F., Snir,E., Stevko,V., Subramanian,S., Towne,B.,
Wan,K.H., Whitelaw,K.R., Yee,A., Zhang,R., Zieran,L.L. and
Kimmel,B.
TITLE Sequencing of Drosophila chromosome 2L, region 22A
JOURNAL Unpublished (1997)
REFERENCE 2 (bases 1 to 18443)
AUTHORS Celniker,S.E., Aghavani,A., Arcaina,T.T., Baxter,E., Doyle,C.M.,
Farfan,D.E., Flanagan,J., Houston,K.A., Hummasti,S.R., Karra,K.,
Kearney,L., Kim,S.H., Ko,C.L., Li,M., Lomotan,M.A., Mazda,P.,
Mok,M.S., Nixon,K., Pacleb,J.M., Park,S., Pfeiffer,B., Punch,D.,
Santos,R.F., Snir,E., Stevko,V., Subramanian,S., Towne,B.,
Wan,K.H., Whitelaw,K.R., Yee,A., Zhang,R., Zieran,L.L. and
Kimmel,B.
TITLE Direct Submission
JOURNAL Submitted (04-FEB-1998) Berkeley Drosophila Genome Project, MS
64-121, Lawrence Berkeley National Laboratory, One Cyclotron Road,
Berkeley, CA 94720, US
COMMENT Sequence submitted by:
Berkeley Drosophila Genome Project
Lawrence Berkeley National Laboratory, MS 64-121
Berkeley, CA 94720
For further information about this sequence, including its location
and relationship to other sequences, please visit our sequence
archive Web site (http://www-hgc.lbl.gov/sequence-archive.html) or
send email to drosophila@genome.lbl.gov.
Library location: 56-62.
This P1 was assembled from the following subclones: 1_h2
(AC001997), 2_g5 (AC002955), 1_c11 (AC001996), 1_c2 (AC002954),
2_g9 (AC001998), 1_a12, 1_a5 (AC003647).
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/clone="P1 DS05342 (D92)"
BASE COUNT 5243 a 3816 c 3821 g 5563 t
ORIGIN

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Query Match 78.0%; Score 928.4; DB 4; Length 18443;
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Matches 1128; Conservative 0; Mismatches 1; Indels 179; Gaps 2;

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 Qy 61 cgagatgccttcatttacttggatcgggtgatgtggtcctttggctggacagagcctgaa 120
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